

**UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE
_____, TEXAS**

**OPERATION AND MAINTENANCE PLAN
IRRIGATION PIPELINE**

Sponsor/Land user: _____ Date: _____

Address: _____

Legal description of practice location: SEC _____ T _____ R _____

A properly operated and maintained irrigation pipeline is an asset to your farm. This irrigation pipeline was designed and installed to transmit water to where it may be utilized. The estimated life span of this installation is at least 10 years. The life of this pipeline can be assured and usually increased by developing and carrying out a good operation and maintenance program.

This practice will require you to perform periodic maintenance and may also require operational items to maintain satisfactory performance. Here are some recommendations to help you develop a good operation and maintenance program.

GENERAL RECOMMENDATIONS

- Check to make sure all valves and air vents are set at the proper operating condition so they may provide protection to the pipeline.
- Maintain the design depth of cover over the pipeline.
- Limit traffic over the pipeline to designated section that were designed for traffic loads.
- Avoid travel over pipelines by tillage equipment when the soil is saturated.
- Avoid any subsoiling operation that may disturb the pipeline.
- Remove all foreign debris that hinders system operation.
- Drain the system and components in areas that are subject to freezing. If parts of the system cannot be drained, an anti-freeze solution shall be added.
- Eradicate or otherwise remove all rodents or burrowing animals. Immediately repair any damage caused by their activity.

- Allow the time to fill gradually when being put into use after shut down or draining.
- Periodically check and repair all valves, gates and regulators to the system requirements following the manufacturer's recommendations.
- Immediately repair any vandalism, vehicular, or livestock damage to any outlets and appurtenances.

SPECIFIC RECOMMENDATIONS FOR YOUR INSTALLATION

[illegible]

CONTACT YOUR LOCAL NATURAL RESOURCES CONSERVATION SERVICE OFFICE FOR ANY ADDITIONAL TECHNICAL ASSISTANCE YOU MIGHT NEED FOR IMPLEMENTATION OF THIS OPERATION AND MAINTENANCE PLAN FOR YOUR STRUCTURE.